

AMENDMENTS TO THE CLAIMS

1. (Currently amended) A gas-barrier multilayer hollow container having a co-stretched multilayer wall structure ~~including comprising:~~

a layer of a polyglycolic acid resin comprising at least 60 wt.% of a recurring unit represented by ~~a~~ formula (1), ~~of $(\text{O}-\text{CH}_2-\text{CO})_m(\text{O}-\text{CH}_2-\text{CO})_n$ (1),~~ and

a layer of co-laminated resin comprising an aromatic polyester resin or an aliphatic polyester resin other than polyglycolic acid resin laminated on at least one surface of the polyglycolic acid resin layer, ~~and satisfying~~

wherein the multilayer wall structure has been cooled once, re-heated and then co-stretched to satisfy a formula of (2), $(T \times w/v \leq 0.8 \times 10^{-3})$ (2), wherein T represents an oxygen gas permeability (ml/container/day/atm), v represents a volume (ml) of the container, and w represents a content (wt.%) of the polyglycolic acid resin with respect to a whole weight of the container.

2. (Currently amended) ~~A~~The multilayer hollow container according to Claim 1, wherein the co-laminated resin has a glass transition temperature of at most 70 °C.

3. (Currently amended) A gas-barrier multilayer hollow container having a co-stretched multilayer wall structure ~~including comprising:~~

a layer of a polyglycolic acid resin comprising at least 60 wt.% of a recurring unit represented by ~~a~~ formula (1), ~~of $(\text{O}-\text{CH}_2-\text{CO})_m(\text{O}-\text{CH}_2-\text{CO})_n$ (1),~~ and

a layer of co-laminated resin comprising an aromatic polyester resin or an aliphatic polyester resin other than polyglycolic acid resin laminated on at least one surface of the polyglycolic acid resin layer, ~~and satisfying~~

wherein the multilayer wall structure has been cooled once, re-heated and then co-stretched to satisfy a formula of (2), $(T \times w/v \leq 0.8 \times 10^{-3})$ (2), wherein T represents an oxygen gas permeability (ml/container/day/atm), v represents a volume (ml) of the container of at most 700 ml, and w represents a content (wt.%) of the polyglycolic acid resin of 1 - 10 wt.% with respect to a whole weight of the container.

4. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 1, further comprising a laminate of the polyglycolic acid resin and an aromatic polyester resin.
5. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 1, wherein layers of one or both of the aromatic and the aliphatic polyester resin are laminated on both surfaces of and co-stretched with the polyglycolic acid resin layer.
6. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 5, wherein layers of the aromatic polyester resin are laminated on both surfaces of the polyglycolic acid resin layer.
7. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 4, wherein the co-laminated resin comprises a recycled resin.
8. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 7, wherein the recycled resin contains at most 10 wt.% ~~thereof~~ of the polyglycolic acid resin.
9. **(Currently amended)** ~~A~~The multilayer hollow container according to Claim 1, wherein the polyglycolic acid resin has the following thermal properties ~~including~~:
- a Tg (glass transition temperature) of 30 - 55 °C, a Tc1 (crystallization temperature on temperature increase) of 60 - 135 °C,
 - a Tc2 (crystallization temperature on temperature decrease) of 140 - 200 °C, and
 - a Tm (melting point) of 150 - 230 °C.
10. **(Withdrawn)** A process for producing a gas-barrier multilayer hollow container, comprising the steps of: heat-forming a hollow laminate reform having a layer structure including a layer of a polyglycolic acid resin comprising at least 60 wt.% of recurring unit represented by a formula of $-(O-CH_2-CO)-\cdots(1)$, and a layer of co-laminated resin comprising an aromatic polyester resin or an aliphatic polyester resin other than polyglycolic acid resin and having a glass-transition point of at least 70 °C laminated on at least one surface of the

polyglycolic acid resin layer; cooling the preform; re-heating the preform; and co-stretching the preform.

11. (Withdrawn) A production process according to Claim 10, wherein the hollow laminate preform is formed by co-injection.

12. (Withdrawn) A production process according to Claim 10, wherein the laminate preform after heating is re-heated to a temperature of at most 90 °C by heating it for 30 - 110 sec. by an infrared heater.

13. (Withdrawn) A production process according to Claim 10, wherein the re-heated laminate preform is set in a mold and subjected to blow co-stretching at ratios of longitudinally 1.5 - 4.0 times and transversely 3.0 - 9.0 times.

14. (Withdrawn) A production process according to Claim 10, wherein a container after the co-stretching is heat-set by holding it in a heated mold at 70 - 160 °C for 1 - 10 sec.

15. (Currently amended) ~~A-The~~ multilayer hollow container according to Claim 3, further comprising a laminate of the polyglycolic acid resin and an aromatic polyester resin.

16. (Currently amended) ~~A-The~~ multilayer hollow container according to Claim 3, wherein layers of one or both of the aromatic and the aliphatic polyester resin are laminated on both surfaces of and co-stretched with the polyglycolic acid resin layer.

17. (Currently amended) ~~A-The~~ multilayer hollow container according to Claim 3, wherein the polyglycolic acid resin has the following thermal properties ~~including~~:

- a Tg (glass transition temperature) of 30 - 55 °C,
- a Tc1 (crystallization temperature on temperature increase) of 60 - 135 °C, a Tc2 (crystallization temperature on temperature decrease) of 140 - 200 °C, and
- a Tm (melting point) of 150 - 230 °C.